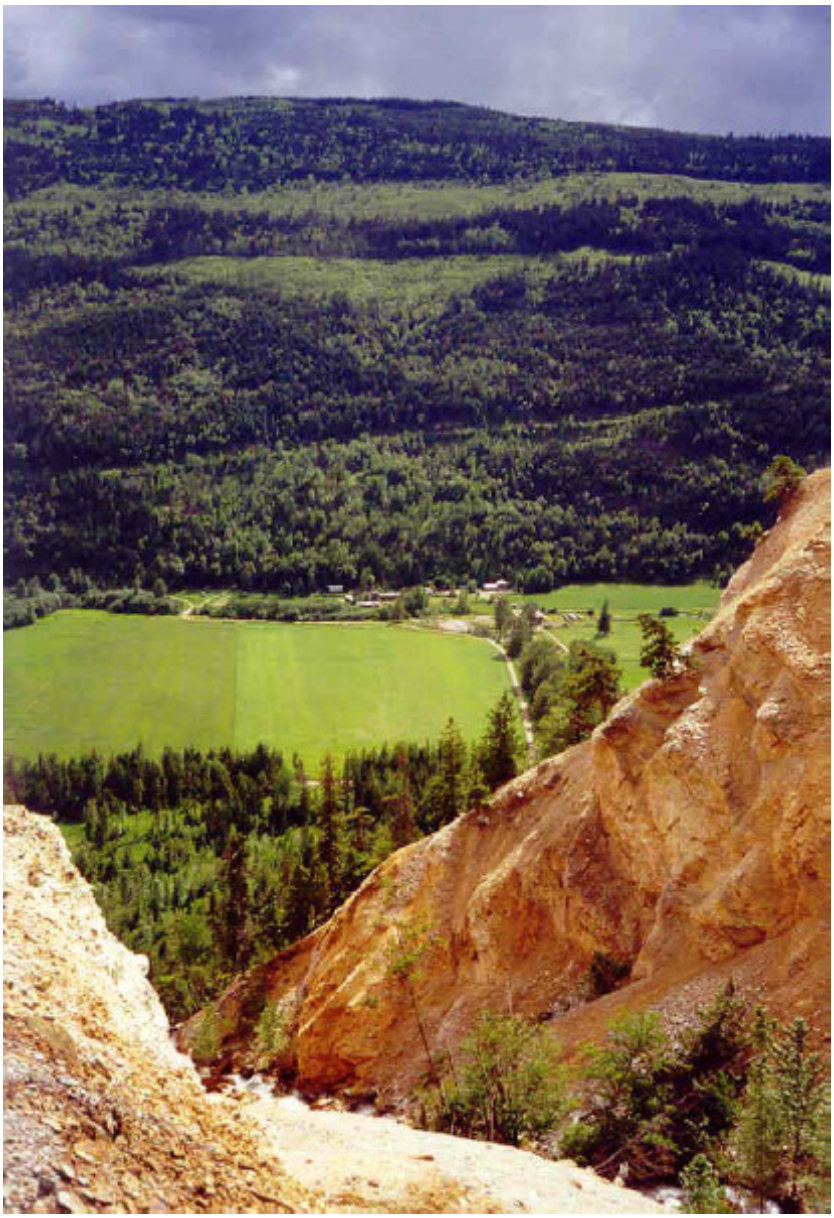
ACACIA (ZN, PB, AG)

THE **ACACIA PROPERTY** is located on the Adams Plateau area of British Columbia in the Kamloops Mining Division. The property was staked by Eagle Plains Resources in 2000 and consists of a 203 unit claim group covering a stratigraphic package that hosts a number of base and precious metal deposits. Work by past operators on the Acacia Property has identified well developed volcanogenic massive sulphide mineralization and alteration hosted by the Lower Cambrian to Devono-Mississippian Eagle Bay Formation and it is believed that the property has high potential for hosting VMS style deposits. The property has a number of exploration targets.

The central part of the Acacia Property surrounds the historic Homestake Mine Crown Grants. The Homestake Mine was worked intermittently by several owners between 1893 and 1984, and has a probable reserve of 249,906 tonnes of 226.6 gm/T silver, 0.58 gm/T gold, 36.7 percent barite, 0.28 per cent copper, 1.24 per cent lead and 2.19 per cent zinc (Statement of Material Facts 06/06/86, Kamad Silver Company Limited). The main mineralization consists of massive to banded barite, metallic minerals and quartzsericite cut by veins and lenses of quartz and hosted by Eagle Bay Formation quartz-talc-sericite schists. The Acacia Property covers a number of mineralized showings along the strike extension of the Homestake deposit, including the Inferno Zone massive barite showing area.



The discovery of the Rea Gold volcanogenic massive sulphide lenses in 1983, and the Samatosum massive sulphide vein deposit in 1986 focused exploration on locating similar styles of mineralization on the Acacia Property area. Esso Resources Canada Limited and Homestake Mining (Canada) Limited carried out extensive exploration programs to the north of the current Acacia Claim boundaries to evaluate prospective Eagle Bay Formation volcanics for Rea-Samatosum type deposits. The programs were successful in tracing the mineralized horizons over kilometers of strike length and a number of stacked sulphide lenses were located along both the Rea and Samatosum (Silver) trends. Although none of the lenses were economic, potential exists along the trend for more of these massive sulphide lenses. The current Acacia Property covers the strike extensions of both the Rea and Samatosum horizons.

The Twin Mountain Zone is located on the north eastern part of the Acacia Property. The Twin Mountain occurrence consists of galena, sphalerite, chalcopyrite and pyrite mineralization within carbonate-quartz veins, and sulphide barite lenses. The host rock consists of sericitized and silicified schists derived from mafic volcanic flows and volcaniclastic rocks. The zone has an apparent strike length of approximately 2500m. A drill hole that targeted the Twin Mineralization returned values of 10.6 gm/t Au, 335.3 gm/t Ag, 3.13% Zn, 2.74% Pb and 0.55% Cu over 2.37 meters (George Cross Newsletter #237, 1987).

Foreground: Homestake Mine
Background: Acacia Property Area

The Acacia Showing area was the focus of the 2000 Eagle Plains Resources exploration program. The Acacia Showings are located on the south side of Sinmax Creek and consist of at least eight massive sulphide and vein occurrences hosted by Eagle Bay Formation felsic volcanics, mafic volcanics and calcareous schists. The Acacia area has never been drill tested. The most recent work by Esso Minerals in 1988 included soil sampling, 1:2500 scale mapping and limited ground VLF geophysical surveying. The 1988 report by Marr concluded that "the potential for a significant accumulation of massive sulphide is considered to be good" in the area of the Acacia Showings. 2000 work by Eagle Plains included contour and grid soil geochemical sampling and resampling of some of the main Acacia Showings. The results confirmed the presence of an extensive base and precious metal soil geochemical anomaly associated with a package of mafic and felsic volcanics. Rock samples collected during the 2000 program confirmed the high grade nature of the Acacia mineralization including :
TTAC00R03: 4.4gm/T Ag, 141ppm Cu, 191ppm Pb, 33.75% Zn, 1284.3ppm Cd, 857ppm W
TTAC00R05: 3.2gm/T Ag, 230ppm Cu, 191ppm Pb, 13.45% Zn, 330ppm W
TTAC00R06: 191.3gm/T Ag, 842ppm Cu, 22.29% Pb, 6.72% Zn, 155ppm W

Recommendations from Eagle Plains Resources 2000 report included diamond drill testing of the Acacia Showing area.

During October 2007, the Acacia area, the Twin Mountain occurrence to the northeast, and the Inferno Zone west of the Homestake deposit were the focus of Eagle Plains Resources geological, geochemical sampling and prospecting program. Specific to the Acacia area was the positioning of diamond drill hole collars above Acacia Creek for a potential future drill program.

During the summer of 2008 an airborne geophysical survey was conducted over the project area.

The Acacia Project is optioned to Ecomax Energy Services Ltd.

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